

Application No.: 09/755,204

Docket No.: 59097US (30471)

**LISTING OF THE CLAIMS:**

1-81 (canceled)

82. (currently amended) A method of improving pregnancy rates in a ~~non-human mammal female bovine~~, comprising:

culturing adult bovine fibroblast donor cells in serum starved media;

passaging the cells between ~~for about 10 and about 15~~ passages;

nuclear transferring the donor cells into enucleated recipient bovine oocytes to form a cybrid; oocyte cells to promote cell fusion and embryo formation;

culturing nuclear transferred embryos in serum supplemented media the cybrid to form blastocysts; and

transferring the blastocysts cybrid into a recipient non-human mammal female bovine wherein pregnancy rates are up to at least about 64% ~~based on the number of embryo recipients.~~

83. (currently amended) The method of claim 82 wherein the fibroblast cells are obtained from an aged non-human mammalian a male bovine donor.

84. (currently amended) The method of claim 83 wherein the aged donor is a ~~bovine the~~ male bovine donor is aged.

85. (canceled)

86. (currently amended) The method of claim 84 wherein the aged male bovine donor is 17 years old.

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87. (previously presented) The method of claim 82 wherein the serum starved media contains up to 0.5% serum.

88. (previously presented) The method of claim 82 wherein the passaging is 10 passages.

89-95. (canceled).

Numbering

